

**ABSTRACT**

**DETECTABLE LABELED NUCLEOSIDE  
ANALOGS AND METHODS OF USE THEREOF**

The invention relates to detectable labels useful for detection of nucleotide sequences. Specifically, the invention relates to labeled-imidazole-PEG compounds, such as nucleosides, nucleotides, and nucleic acids incorporating such compounds, and methods utilizing such compounds. The invention further relates to kits comprising labeled imidazole-PEG compounds.